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F&R Docket No.: 05770-70001 / ASC-546

ABSTRACT

A stator assembly includes a plurality of stator coil assemblies and a stator coil support structure constructed of a non-magnetic, thermally-conductive material. The stator coil support structure includes an axial passage for receiving a rotor assembly and a plurality of channels positioned radially about the axial passage. Each channel is configured to receive one or more of the stator coil assemblies.

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